

RP00844

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# Recombinant Human WIF-1/Wnt inhibitory factor 1 Protein

Catalog No.: RP00844

Recombinant

## Sequence Information

Species	Gene ID	Swiss Prot
Human	11197	Q9Y5W5

### Tags

C-6×His

### Synonyms

WIF-1;WIF1

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.2 μm filtered solution of 10mM HAc-NaAc, 150mM NaCl, 0.5% CHAPS, pH4.0. Contact us for customized product form or formulation.

### Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

## Background

## Basic Information

### Description

Recombinant Human WIF-1/Wnt inhibitory factor 1 Protein is produced by Human cells expression system. The target protein is expressed with sequence (Gly29-Trp379) of human WIF-1/Wnt inhibitory factor 1 (Accession #Q9Y5W5) fused with a 6×His tag at the C-terminus.

### Bio-Activity

Measured by its ability to inhibit Wnt-3a-induced alkaline phosphatase production by MC3T3-E1 mouse preosteoblast cells. The ED<sub>50</sub> for this effect is 0.3-1.5 μg/mL in the presence of 10 ng/mL of Wnt-3a.

### Storage

Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

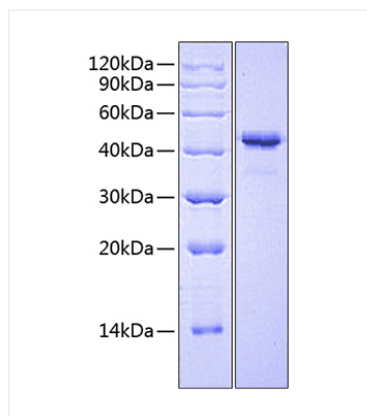
## Contact



[www.abclonal.com](http://www.abclonal.com)

## Validation Data

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Recombinant Human WIF-1/Wnt inhibitory factor 1 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.